



**NOTICE**

Ground terminal must be connected to Earth Ground per Article 760 of the National Electric Code. Failure to make a proper Earth Ground connection to a metal cold water pipe or a driven Ground Rod to this terminal will result in loss of Lightning protection, reduce the tolerance of the system to transients and will adversely affect its operation. Panel Neutral or Conduit Ground is not acceptable.  
Minimum Wire Size: 12 AWG

**WARNING**

THE INSTALLING CONTRACTOR IS RESPONSIBLE FOR THE WIRING OF ALL DEVICES. THE WIRE TYPE AND THAT ALL WIRE SIZES MEET STATE AND LOCAL CODE REQUIREMENTS. THE INSTALLING CONTRACTOR IS ALSO RESPONSIBLE THAT THE INSTALLATION IS FREE OF ALL DEFECTS.

**WIRING SPECIFICATIONS**

— ZONE/LOOP— 16 AWG MIN 12AWG MAX.  
— STROBE CRTS— 16AWG MIN 12AWG MAX  
POWER LIMITED AND NONPOWER LIMITED CABLE CAN NOT BE RUN THROUGH THE SAME RACEWAY.

**NOTES**

① Must be grounded to a driven ground rod or the cold water pipe on the street side of the main shut off valve.  
② No AC voltage on any terminal other than those specified.

- GENERAL NOTES**
1. All Fire Alarm System wiring shall comply with the National Electric Code, applicable State and Local Fire and Safety Codes, as well as being coordinated with the Local Authority Having Jurisdiction.
  2. CABLES TO BE CONNECTED TO POWER TO CONTROL PANEL BATTERIES OR 120 VAC WITH ALL OTHER FIELD WIRING IS INSTALLED AND CONNECTED.
  3. DO NOT install FACP or smoke detectors in any unheated area.
  4. DO NOT install any AC current carrying conductors close to or in the same raceway with the alarm system conductors.
  5. Dotted lines indicate factory wiring. Solid lines indicate connections to be made by the installer.
  6. See Installation Manual for additional wiring instructions.
  7. Indicating circuit outputs are 2 amps @ 24 VDC per circuit.
  8. Cabinet Dimensions L11/4  
L 34.000" V 24.000" D 6.500"

**SIGNAL FUNCTIONS**

All Wiring To Be Class B, Protective Linear Heat Detection Cable Indicated in Feet. Cable Detects Heat Anywhere Along Its Length. 700FT Total of EPC 155F Cable.  
See Application Manual For Proper Installation of Protective Linear Heat Detection Cable.

- LEGEND**
- 1 (S) Strobe  
WP Weatherproof  
⊥ Ground

**SIGNAL CIRCUITS**

CKT. #	TOTAL LOAD
SIG CKT 1	0.3200
SIG CKT 2	SPARE

WIRE SIZE TO BE DETERMINED BY INSTALLING CONTRACTOR IN THE FIELD. ALL SYSTEM WIRING SHALL BE 16AWG MIN. AND 12AWG MAX.

**PPM** Property Protection Monitoring Incorporated  
1-877-794-3344  
Lowell, MA 01854-3128  
24 Hour UL Listed Signal Monitoring

**MFA** Mammoth Fire Alarms Incorporated  
1-800-895-8800  
Lowell, MA 01854-3128

Scale None Approved By: Dave 8/6/00  
Date: 8/4/00  
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Drawing No. 140279

